Sporty Shoe (Spring Boot Project)

Source code

**SportyShoesApplication.java**

package com.example.demo;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication

public class SportyShoesApplication {

public static void main(String[] args) {

SpringApplication.run(SportyShoesApplication.class, args);

}

}

**ShoesController.java**

package com.example.demo.Controller;

import java.util.List;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.stereotype.Controller;

import org.springframework.ui.Model;

import org.springframework.web.bind.annotation.GetMapping;

import org.springframework.web.bind.annotation.ModelAttribute;

import org.springframework.web.bind.annotation.PathVariable;

import org.springframework.web.bind.annotation.PostMapping;

import com.example.demo.Entity.ShoeEntity;

import com.example.demo.Service.ShoeService;

import jakarta.servlet.http.HttpSession;

@Controller

public class ShoesController {

@Autowired

private ShoeService shoeService;

@GetMapping("/")

public String homepage() {

return "home";

}

@GetMapping("/showlist")

public String indexform(org.springframework.ui.Model model) {

List<ShoeEntity> shoeEntity = shoeService.getallShoes();

model.addAttribute("shoeEntityList", shoeEntity);

return "index";

}

@GetMapping("/addshoes")

public String addshoesForm() {

return "addshoes";

}

@PostMapping("/register")

public String shoeRegister(@ModelAttribute ShoeEntity shoeEntity, HttpSession session) {

System.out.println(shoeEntity);

shoeService.addShoe(shoeEntity);

session.setAttribute("msg", "Shoes Added Successfully..!");

return "redirect:/showlist";

}

@GetMapping("/EditShoeDetail/{srno}")

public String ShoeDetailEdit(@PathVariable int srno, Model model) {

ShoeEntity shoeEntity = shoeService.getShoeDetailByID(srno);

model.addAttribute("shoeEntityDetail", shoeEntity);

return "EditShoeDetail";

}

@PostMapping("/update")

public String updateShoe(@ModelAttribute ShoeEntity shoeEntity, HttpSession session) {

shoeService.addShoe(shoeEntity);

session.setAttribute("msg", "Updated Successfully");

return "redirect:/showlist";

}

@GetMapping("/DeleteShoeDetail/{srno}")

public String DeleteShoeDetail(@PathVariable int srno) {

shoeService.deleteShoeByID(srno);

return "redirect:/showlist";

}

}

**ShoeEntity.java**

package com.example.demo.Entity;

import jakarta.persistence.Entity;

import jakarta.persistence.GeneratedValue;

import jakarta.persistence.GenerationType;

import jakarta.persistence.Id;

import jakarta.persistence.Table;

@Entity

@Table(name = "Shoe\_System")

public class ShoeEntity {

@Id

@GeneratedValue(strategy = GenerationType.AUTO)

private int srno;

private String shoeid;

private String brand;

private String category;

private String price;

private String description;

public ShoeEntity() {

super();

// TODO Auto-generated constructor stub

}

public int getSrno() {

return srno;

}

public void setSrno(int srno) {

this.srno = srno;

}

public String getShoeid() {

return shoeid;

}

public void setShoeid(String shoeid) {

this.shoeid = shoeid;

}

public String getBrand() {

return brand;

}

public void setBrand(String brand) {

this.brand = brand;

}

public String getCategory() {

return category;

}

public void setCategory(String category) {

this.category = category;

}

public String getPrice() {

return price;

}

public void setPrice(String price) {

this.price = price;

}

public String getDescription() {

return description;

}

public void setDescription(String description) {

this.description = description;

}

@Override

public String toString() {

return "ShoeEntity [srno=" + srno + ", shoeid=" + shoeid + ", brand=" + brand + ", category=" + category

+ ", price=" + price + ", description=" + description + "]";

}

}

**ShoeRepo.java**

package com.example.demo.Repository;

import org.springframework.data.jpa.repository.JpaRepository;

import org.springframework.stereotype.Repository;

import com.example.demo.Entity.ShoeEntity;

@Repository

public interface ShoeRepo extends JpaRepository<ShoeEntity, Integer> {

}

**ShoeService.java**

package com.example.demo.Service;

import java.util.List;

import java.util.Optional;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.stereotype.Service;

import org.springframework.ui.Model;

import com.example.demo.Entity.ShoeEntity;

import com.example.demo.Repository.ShoeRepo;

@Service

public class ShoeService {

@Autowired

private ShoeRepo shoeRepo;

public void addShoe(ShoeEntity shoeEntity) {

shoeRepo.save(shoeEntity);

}

public List<ShoeEntity> getallShoes() {

return shoeRepo.findAll();

}

public ShoeEntity getShoeDetailByID(int srno) {

Optional<ShoeEntity> optionalshoeEntity=shoeRepo.findById(srno);

if(optionalshoeEntity.isPresent()) {

return optionalshoeEntity.get();

}

return null;

}

public void deleteShoeByID(int srno) {

shoeRepo.deleteById(srno);

}

}

**Application.property**

spring.datasource.driver-class-name=com.mysql.cj.jdbc.Driver

spring.datasource.url=jdbc:mysql://localhost:3306/shoeDatabase

spring.datasource.username=root

spring.datasource.password=root

spring.jpa.hibernate.ddl-auto=update

spring.jpa.show-sql=true

server.port=8081

**Home.html**

<!doctype html>

<html lang=*"en"* xmlns:th=*"http://www.thymeleaf.com"*>

<head>

<!-- Required meta tags -->

<meta charset=*"utf-8"*>

<meta name=*"viewport"*

content=*"width=device-width, initial-scale=1, shrink-to-fit=no"*>

<!-- Bootstrap CSS -->

<link rel=*"stylesheet"*

href=*"https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css"*

integrity=*"sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"*

crossorigin=*"anonymous"*>

<title>Shoes Home Page</title>

</head>

<body>

<!-- navbar -->

<nav class=*"navbar navbar-expand-lg navbar-light bg-light"*>

<a class=*"navbar-brand"* href=*"#"*>Sporty Shoes Zone</a>

<button class=*"navbar-toggler"* type=*"button"* data-toggle=*"collapse"*

data-target=*"#navbarSupportedContent"*

aria-controls=*"navbarSupportedContent"* aria-expanded=*"false"*

aria-label=*"Toggle navigation"*>

<span class=*"navbar-toggler-icon"*></span>

</button>

<div class=*"collapse navbar-collapse"* id=*"navbarSupportedContent"*>

<ul class=*"navbar-nav mr-auto"*>

<li class=*"nav-item active"*><a class=*"nav-link"* href=*"/"*>Home

<span class=*"sr-only"*>(current)</span>

</a></li>

<li class=*"nav-item active"*><a class=*"nav-link"*

href=*"/addshoes"*>Add Shoes</a></li>

<li class=*"nav-item active"*><a class=*"nav-link"*

href=*"/showlist"*>Show List</a></li>

</ul>

</div>

</nav>

<style>

**body** {

max-width: *100%*;

height: *auto*;

background-image:

*url("https://cdn-magento2-media.head.com/wysiwyg/01\_Graphics\_FootwearLandingPageGIF.gif")*;

background-size: *cover*;

background-repeat: *no-repeat*;

}

**img** {

max-width: *100%*;

height: *auto*;

}

*.header* {

padding: *10px*;

text-align: *center*;

background: *#1abc9c*;

color: *white*;

font-size: *30px*;

}

</style>

<div class=*"header"*>

<h1>Welcome to the Sporty Shoes Zone</h1>

<h6 style="text-align: *right*;">Developed by Shashi Bhushan</h6>

</div>

<!-- Optional JavaScript -->

<!-- jQuery first, then Popper.js, then Bootstrap JS -->

<script src=*"https://code.jquery.com/jquery-3.2.1.slim.min.js"*

integrity=*"sha384-KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"*

crossorigin=*"anonymous"*></script>

<script

src=*"https://cdn.jsdelivr.net/npm/popper.js@1.12.9/dist/umd/popper.min.js"*

integrity=*"sha384-ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q"*

crossorigin=*"anonymous"*></script>

<script

src=*"https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/js/bootstrap.min.js"*

integrity=*"sha384-JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYl"*

crossorigin=*"anonymous"*></script>

</body>

</html>

**addshoe.html**

<!doctype html>

<html lang=*"en"* xmlns:th=*"http://www.thymeleaf.com"*>

<head>

<!-- Required meta tags -->

<meta charset=*"utf-8"*>

<meta name=*"viewport"*

content=*"width=device-width, initial-scale=1, shrink-to-fit=no"*>

<!-- Bootstrap CSS -->

<link rel=*"stylesheet"*

href=*"https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css"*

integrity=*"sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"*

crossorigin=*"anonymous"*>

<title>Shoes Home Page</title>

</head>

<body>

<!-- navbar -->

<nav class=*"navbar navbar-expand-lg navbar-light bg-light"*>

<a class=*"navbar-brand"* href=*"#"*>Sporty Shoe Zone</a>

<button class=*"navbar-toggler"* type=*"button"* data-toggle=*"collapse"*

data-target=*"#navbarSupportedContent"*

aria-controls=*"navbarSupportedContent"* aria-expanded=*"false"*

aria-label=*"Toggle navigation"*>

<span class=*"navbar-toggler-icon"*></span>

</button>

<div class=*"collapse navbar-collapse"* id=*"navbarSupportedContent"*>

<ul class=*"navbar-nav mr-auto"*>

<li class=*"nav-item active"*><a class=*"nav-link"* href=*"/"*>Home

<span class=*"sr-only"*>(current)</span>

</a></li>

<li class=*"nav-item active"*><a class=*"nav-link"*

href=*"/addshoes"*>Add Shoes</a></li>

<li class=*"nav-item active"*><a class=*"nav-link"*

href=*"/showlist"*>Show List</a></li>

</ul>

</div>

</nav>

<!-- navbar -->

<!-- background Image -->

<style>

**body** {

max-width: *100%*;

height: *auto*;

background-image:

*url("https://thumbs.dreamstime.com/b/men-s-summer-suede-blue-sneakers-white-soles-sports-shoes-sport-style-isolated-background-181568539.jpg")*;

background-size: *cover*;

background-repeat: *no-repeat*;

backdrop-filter: *blur(5px)*;

}

</style>

<!-- background Image -->

<!-- form -->

<form class=*"container p-3"* th:action=*"@{/register}"* method=*"post"* th:object=*"${ShoeEntity}"*>

<div class=*"container p-5 card"*>

<h3>Add Shoe Detail</h3>

<div class=*"form-row"*>

<div class=*"form-group col-md-6"*>

<label for=*"shoeid"*>Shoe ID</label> <input type=*"text"*

class=*"form-control"* name=*"shoeid"* placeholder=*"Shoe ID"*>

</div>

</div>

<div class=*"form-row"*>

<div class=*"form-group col-md-6"*>

<label for=*"brand"*>Shoe Brand</label> <input type=*"text"*

class=*"form-control"* name=*"brand"* placeholder=*"Shoe Name"*>

</div>

</div>

<div class=*"form-row"*>

<div class=*"form-group col-md-6"*>

<label for=*"category"*>Shoe Category</label> <input type=*"text"*

class=*"form-control"* name=*"category"* placeholder=*"Shoe Category"*>

</div>

</div>

<div class=*"form-row"*>

<div class=*"form-group col-md-6"*>

<label for=*"price"*>Shoe price</label> <input type=*"text"*

class=*"form-control"* name=*"price"* placeholder=*"Shoe Price"*>

</div>

</div>

<div class=*"form-group"*>

<label for=*"description"*>Shoes Description</label>

<textarea class=*"form-control"* name=*"description"*

placeholder=*"Description"* rows=*"3"*></textarea>

</div>

<button type=*"submit"* class=*"btn btn-primary"*>Submit</button>

</div>

</form>

<!-- form -->

</div>

<!-- Optional JavaScript -->

<!-- jQuery first, then Popper.js, then Bootstrap JS -->

<script src=*"https://code.jquery.com/jquery-3.2.1.slim.min.js"*

integrity=*"sha384-KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"*

crossorigin=*"anonymous"*></script>

<script

src=*"https://cdn.jsdelivr.net/npm/popper.js@1.12.9/dist/umd/popper.min.js"*

integrity=*"sha384-ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q"*

crossorigin=*"anonymous"*></script>

<script

src=*"https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/js/bootstrap.min.js"*

integrity=*"sha384-JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYl"*

crossorigin=*"anonymous"*></script>

</body>

</html>

**EditShoeDetail.html**

<!doctype html>

<html lang=*"en"* xmlns:th=*"http://www.thymeleaf.com"*>

<head>

<!-- Required meta tags -->

<meta charset=*"utf-8"*>

<meta name=*"viewport"*

content=*"width=device-width, initial-scale=1, shrink-to-fit=no"*>

<!-- Bootstrap CSS -->

<link rel=*"stylesheet"*

href=*"https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css"*

integrity=*"sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"*

crossorigin=*"anonymous"*>

<title>Shoes Home Page</title>

</head>

<body>

<!-- navbar -->

<nav class=*"navbar navbar-expand-lg navbar-light bg-light"*>

<a class=*"navbar-brand"* href=*"#"*>Sporty Shoes Zone</a>

<button class=*"navbar-toggler"* type=*"button"* data-toggle=*"collapse"*

data-target=*"#navbarSupportedContent"*

aria-controls=*"navbarSupportedContent"* aria-expanded=*"false"*

aria-label=*"Toggle navigation"*>

<span class=*"navbar-toggler-icon"*></span>

</button>

<div class=*"collapse navbar-collapse"* id=*"navbarSupportedContent"*>

<ul class=*"navbar-nav mr-auto"*>

<li class=*"nav-item active"*><a class=*"nav-link"* href=*"#"*>Home

<span class=*"sr-only"*>(current)</span>

</a></li>

<li class=*"nav-item active"*><a class=*"nav-link"*

href=*"/addshoes"*>Add Shoes</a></li>

<li class=*"nav-item active"*><a class=*"nav-link"*

href=*"/showlist"*>Show List</a></li>

</ul>

</div>

</nav>

<!-- navbar -->

<!-- form -->

<form class=*"container p-3"* th:action=*"@{/update}"* method=*"post"* th:object=*"${shoeEntityDetail}"*>

<input type=*"hidden"* th:value=*"${shoeEntityDetail.srno}"* name=*"srno"*>

<div class=*"container p-5 card"*>

<h3>Edit Shoe Detail</h3>

<div class=*"form-row"*>

<div class=*"form-group col-md-6"*>

<label for=*"shoeid"*>Shoe ID</label> <input type=*"text"*

class=*"form-control"* name=*"shoeid"* placeholder=*"Shoe ID"* th:value=*"${shoeEntityDetail.shoeid}"*>

</div>

</div>

<div class=*"form-row"*>

<div class=*"form-group col-md-6"*>

<label for=*"brand"*>Shoe Brand</label> <input type=*"text"*

class=*"form-control"* name=*"brand"* placeholder=*"Shoe Name"* th:value=*"${shoeEntityDetail.brand}"*>

</div>

</div>

<div class=*"form-row"*>

<div class=*"form-group col-md-6"*>

<label for=*"category"*>Shoe Category</label> <input type=*"text"*

class=*"form-control"* name=*"category"* placeholder=*"Shoe Category"* th:value=*"${shoeEntityDetail.category}"*>

</div>

</div>

<div class=*"form-row"*>

<div class=*"form-group col-md-6"*>

<label for=*"price"*>Shoe price</label> <input type=*"text"*

class=*"form-control"* name=*"price"* placeholder=*"Shoe Price"* th:value=*"${shoeEntityDetail.price}"*>

</div>

</div>

<div class=*"form-group"*>

<label for=*"description"*>Shoes Description</label>

<textarea class=*"form-control"* name=*"description"*

placeholder=*"Description"* rows=*"3"* th:value=*"${shoeEntityDetail.description}"*></textarea>

</div>

<button type=*"submit"* class=*"btn btn-primary"*>Submit</button>

</div>

</form>

<!-- form -->

</div>

<!-- Optional JavaScript -->

<!-- jQuery first, then Popper.js, then Bootstrap JS -->

<script src=*"https://code.jquery.com/jquery-3.2.1.slim.min.js"*

integrity=*"sha384-KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"*

crossorigin=*"anonymous"*></script>

<script

src=*"https://cdn.jsdelivr.net/npm/popper.js@1.12.9/dist/umd/popper.min.js"*

integrity=*"sha384-ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q"*

crossorigin=*"anonymous"*></script>

<script

src=*"https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/js/bootstrap.min.js"*

integrity=*"sha384-JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYl"*

crossorigin=*"anonymous"*></script>

</body>

</html>

**index.html**

<!doctype html>

<html lang=*"en"* xmlns:th=*"http://www.thymeleaf.org"*>

<head>

<!-- Required meta tags -->

<meta charset=*"utf-8"*>

<meta name=*"viewport"*

content=*"width=device-width, initial-scale=1, shrink-to-fit=no"*>

<!-- Bootstrap CSS -->

<link rel=*"stylesheet"*

href=*"https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css"*

integrity=*"sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"*

crossorigin=*"anonymous"*>

<title>Shoes Home Page</title>

</head>

<body>

<!-- navbar -->

<nav class=*"navbar navbar-expand-lg navbar-light bg-light"*>

<a class=*"navbar-brand"* href=*"#"*>Sporty Shoes Zone</a>

<button class=*"navbar-toggler"* type=*"button"* data-toggle=*"collapse"*

data-target=*"#navbarSupportedContent"*

aria-controls=*"navbarSupportedContent"* aria-expanded=*"false"*

aria-label=*"Toggle navigation"*>

<span class=*"navbar-toggler-icon"*></span>

</button>

<div class=*"collapse navbar-collapse"* id=*"navbarSupportedContent"*>

<ul class=*"navbar-nav mr-auto"*>

<li class=*"nav-item active"*><a class=*"nav-link"* href=*"/"*>Home

<span class=*"sr-only"*>(current)</span>

</a></li>

<li class=*"nav-item active"*><a class=*"nav-link"*

href=*"/addshoes"*>Add Shoes</a></li>

<li class=*"nav-item active"*><a class=*"nav-link"*

href=*"/showlist"*>Show List</a></li>

</ul>

</div>

</nav>

<!-- nav bar -->

<!-- alert message -->

<div th:if=*${session.msg}*>

<div class=*"alert alert-success"* role=*"alert"* th:text=*"${session.msg}"*></div>

<th:block th:text=*"${#session.removeAttribute('msg')}"*>

</div>

<!-- table -->

<div class=*"container, p-5"*>

<table class=*"table table-striped"*>

<thead>

<tr>

<th scope=*"col"*>Sr. No.</th>

<th scope=*"col"*>Shoe ID</th>

<th scope=*"col"*>Shoe Brand</th>

<th scope=*"col"*>Shoe Category</th>

<th scope=*"col"*>Shoe Price</th>

<th scope=*"col"*>Shoe Description</th>

<th scope=*"col"*>Data Action</th>

</tr>

</thead>

<tbody>

<tr th:each=*"e:${shoeEntityList}"*>

<th th:text=*"${e.srno}"*>1</th>

<td th:text=*"${e.shoeid}"*></td>

<td th:text=*"${e.brand}"*></td>

<td th:text=*"${e.category}"*></td>

<td th:text=*"${e.price}"*></td>

<td th:text=*"${e.description}"*></td>

<td><a class=*"btn btn-sm btn-primary"*

th:href=*"@{/EditShoeDetail/{srno}(srno=${e.srno})}"*>Edit</a> <a

class=*"btn btn-sm btn-danger"*

th:href=*"@{/DeleteShoeDetail/{srno}(srno=${e.srno})}"*>Delete</a></td>

</tr>

</tbody>

</table>

<!-- table -->

</div>

<!-- Optional JavaScript -->

<!-- jQuery first, then Popper.js, then Bootstrap JS -->

<script src=*"https://code.jquery.com/jquery-3.2.1.slim.min.js"*

integrity=*"sha384-KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"*

crossorigin=*"anonymous"*></script>

<script

src=*"https://cdn.jsdelivr.net/npm/popper.js@1.12.9/dist/umd/popper.min.js"*

integrity=*"sha384-ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q"*

crossorigin=*"anonymous"*></script>

<script

src=*"https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/js/bootstrap.min.js"*

integrity=*"sha384-JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYl"*

crossorigin=*"anonymous"*></script>

</body>

</html>